

Product: FI3I002RC

Indoor Riser OM3 Interconnect 2F DX DX Cord 3.0mm Aqua

Product Description

FX Indoor OM3 Interconnect 2 Fibers OFNR DX DX Cord 3.0MM (900UM) Aqua Jacket

Technical Specifications

Part Number:	FI3I002RC
Construction Type:	Interconnect

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM3	2

Fiber Color Coding:	Blue, White

Buffer Specification

Buffer Material	Buffer Diameter
PVC	900 µm

Bulk Cable Weight:	10 lbs/1000ft

Jacket Specifications

Outer Jacket Material

Material	Nominal Diameter
PVC	0.11 x 0.23 in (2.8 x 5.6 mm)

Outer Jacket Color:	Aqua
OuterJacket1, Nominal Diameter:	0.118 in x 0.236 in

Optical Characteristics

Effective Modal Bandwidth (EMB):	2000 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125µm
Max Attenuation at 1300 nm:	1.2 dB/km
Max Attenuation at 850 nm:	3.0 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	300 m / 300 m
1 Gigabit Ethernet Performance:	- / 550 m
Min Overfilled Launch (OFL) Bandwidth:	1500 MHz-km / 500 MHz-km

Mechanical Characteristics

Mechanical Tests

Description	Requirement/Value

Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	11 N (50 lbf)
Cable Max. Tensile Strength Operation (Long Term)	3 N (15 lbf)

Temperature Range

Operating Temp Range:	0C to +70C
Installation Temp Range:	-10C to +60C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	Riser
CEC/C(UL) Specification:	FT4
NEC/(UL) Specification:	OFNR
Telecommunications Standards:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color	UPC
FI3I002RC	Aqua	612825288039

Update and Revision:	Revision Number: 0.47 Revision Date: 09-20-2018

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